

Title (en)

AN APPARATUS AND METHOD FOR MAKING WLAN DEVICES ACCESSING WIMAX NETWORK

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BEWIRKEN, DASS WLAN-EINRICHTUNGEN AUF EIN WIMAX-NETZWERK ZUGREIFEN

Title (fr)

DISPOSITIF ET PROCÉDÉ PERMETTANT À DES DISPOSITIFS WLAN D'ACCÉDER À UN RÉSEAU WIMAX

Publication

**EP 2242211 A4 20111207 (EN)**

Application

**EP 08706498 A 20080204**

Priority

CN 2008000320 W 20080204

Abstract (en)

[origin: EP2242211A1] The present invention provides an apparatus for enabling a wireless local area network device to access a WiMAX network, the apparatus comprises: WiMAX means, configured to encapsulate uplink data from data means into a transmission message in an 802.16e protocol format, to send the transmission message to a WiMAX base station, to re-encapsulate a received message from the WiMAX base station into downlink data that can be processed by the data means and to send the downlink data to the data means; the data means, configured to receive the downlink data from the WiMAX means and the uplink data from WLAN means and to perform processing to the uplink data and the downlink data; and the WLAN means, configured to encapsulate the downlink data received from the data means into a downlink data message in an 802.11a/b/g protocol format, to send the downlink data message to a terminal device, and to re-encapsulate the uplink data message received from the terminal device into the uplink data that can be processed by the data means. The present invention also provides a method for enabling a wireless local area network device to access a WiMAX network. Therefore the facile movement in a local area is achieved.

IPC 8 full level

**H04W 8/30** (2009.01)

CPC (source: EP US)

**H04L 12/4633** (2013.01 - EP US); **H04W 8/30** (2013.01 - EP US)

Citation (search report)

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- [A] EP 1850531 A1 20071031 - ALCATEL LUCENT [FR]
- [A] DE 102006008745 A1 20070510 - SIEMENS AG [DE]
- [A] US 2007066314 A1 20070322 - SHERMAN ITAY [IL], et al
- See references of WO 2009100581A1

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